Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 23 Dec 2024 until 23:59 on Tuesday 24 Dec 2024

Forecast Issued on Sunday 22 Dec 2024 at 14:01

Confidence: High for sunny conditions to start Monday then a transition to mild, misty and often drizzly conditions for Christmas week. Some uncertainty in height and extent of low cloud.

Headline for Monday 23 Dec 2024: A bright morning. Low cloud and patchy rain arriving in afternoon. Lighter winds than of late.

Mountain weather hazards on Monday 23 Dec 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny intervals	Light snow	Light rain	Fog	Fog
Precipitation probability							
<05%	<05%	<05%	<05%	30%	70%	70%	70%

Forecast for Monday 23 Dec 2024

Weather: Dry with long clear spells overnight and gales easing by morning. A sunny start but cloud will increase later in the morning. Outbreaks of light rain or drizzle will spread east during the afternoon. This preceded by a little snow above 600m before much milder air arrives.

Chance of cloud-free hill tops above 800m: 90% in the morning becoming 10% or less in the afternoon.

Low cloud and visibility: Excellent visibility in the morning with clear summits. Deteriorating during the afternoon rain or snow with cloud becoming extensive on the tops at first before lowering to 300 or 400m, then to lower slopes by evening in the south and west.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 23 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/55 NW	42/50 NW	30/36 NW	21/25 NW	16/20 SW	20/25 SW	22/27 SW	20/24 S	22/27 SW
600	31/43 NW	26/38 NW	17/27 NW	12/19 W	13/17 SW	18/23 SW	21/27 SW	13/17 S	14/20 SW
300	13/40 NW	11/35 NW	6/25 NW	4/17 NW	4/14 W	6/18 SW	7/20 S	2/15 SW	5/19 SW
Valley	12/36 NW	10/32 NW	6/24 NW	4/16 NW	4/12 W	6/16 SW	5/15 SW	5/11 SW	6/13 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-13	-3/-13	-3/-11	-2/-9	-1/-7	-0/-7	2/-4	4/-1	5/0
600	-0/-8	-1/-9	-1/-7	-0/-5	1/-4	2/-4	3/-2	4/1	6/2
300	2/-3	2/-3	1/-2	2/-0	3/2	3/1	4/2	6/4	7/6
Valley	5/1	4/1	4/2	5/3	6/4	6/4	6/5	7/6	8/7
Freezing Level*	400m	300m	400m	600m	800m	2100m	2300m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of two halves with early starters rewarded with excellent views. Navigation will become increasingly tricky in the afternoon as the cloud base lowers.

Forecast for Tuesday 24 Dec 2024

Weather: A very mild and misty Christmas Eve. Cloud and fog will be extensive at height with occasional light rain or drizzle. The far east of the Lake District favouring the drier conditions.

Maximum wind: Southwest 15 to 20mph gusts 30mph.

Chance of cloud-free hill tops above 800m: Nil.

Low cloud and visibility: Very poor visibility even at modest elevations with extensive cloud above 200 or 300m. Cloud perhaps lifting slightly at times in the east.

Temperature: **Valleys:** Plus 9C rising to 12C.
At 800m: Plus 7C.
Freezing level: Well above summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 22 December. Location Red Screes summit (776m) at 12:00 Full report:
The Lake District National Park has a coating of decorative fresh snow down to 370m. At this level and up to 650m it appears quiet wet with melt water running underneath on rocky ground and slabs. Above this height snow is consistently at least 3cm in depth with any depressions, hollows and rocks pillowed on the lee side (out of the wind) with snow. Whilst streams are flowing, surfaces have frozen with a mixture of verglas (black ice) and rime ice (water droplets freezing and building on a surface). Popular paths have compacted tracks on them and it is easy to avoid or break through any ice with a sturdy boot. Micro-spikes, fitted over boots, are a great alternative. Small tarns are partly icing over. Wind strength, building through the afternoon, not only brought painful blizzard snow showers, where goggles were helpful, but also a bitterly cold wind chill, finding any exposed skin. Navigation will have needed to be accurate, using both map and compass, in occasional white out conditions. Despite a lull on Monday morning, deteriorating conditions in the afternoon will strip a lot of snow with rain and a rise in temperature. Winter clothing and mountain safety kit, including a map and compass, will still need to be packed.Temperature: minus 0.1C. Maximum wind speed 45.4mph. Wind chill: minus 9.8C. Average wind speed: 28.5 mph.

Issued at: 1401 on Sun 22 Dec 2024

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